

REMARKS

In response to the Examiner's Action mailed on October 6, 2004, claims 1 to 3, 8 to 9, and 23 are canceled and claims 4, 6-7 are amended. The applicants hereby respectfully request that the patent application be reconsidered.

An item-by-item response to Examiner's objections or rejections is provided in the followings:

1. *Rejections of Claims under 35 USC§102*

The Examiner rejects Claims 1-2 under 35 U.S.C. 102(e) as being anticipated by *Ashby et al* (US 5,463,649).

According to the Examiner, as to claims 1-2, Ashby discloses a monolithically solid state laser and waveguide using spin-on glass that includes a film supported on a substrate wherein the film has a reflectivity sensitive to ion implantation (Col. 4, lines 5-12) and the film comprising a mixture of dye molecules with weak covalent bonds sensitive to the ion implantation energy and dosage in a polymer matrix suitable for wafer coating (Col2, lines 5-12, 20-27, and 35-40, and Col. 5, lines 30-40).

In response to the rejection, claim 3 is canceled. The cancellation of the claim 3 does not constitute an admission of the lack of novelty or obvious under the cited prior art references. The cancellation of the claims is for the purpose to issue the allowed claims as a patent and to prosecute the rejected claims later in a Continuous Application.

Allowable Subject Matter

The Examiner instructs that Claims 10 to 22 are allowable over the prior art of record.

The Examiner further instructs that claims 4-7 would be allowable if rewritten to include all of the limitations of the base claim and any intervening

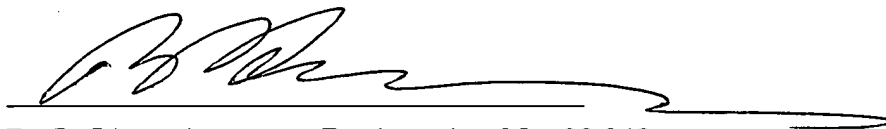
claims.

In response to the objections to these claims, claims 4-7 are amended and claims 4 is re-written as independent claim that include all the limitations of the base claim and all the elements of the intervening claims. These amended claims would therefore be allowable.

With the canceled and amended claims and the reasons provided above, the applicant hereby respectfully requests that Examiner's rejections under 35 USC § 112, 102 and 103 be withdrawn and the present application be allowed.

Respectfully submitted,
James McMillan et al.

By

A handwritten signature in black ink, appearing to be 'Bo-In Lin', written over a horizontal line.

Bo-In Lin -- Attorney, Registration No. 33,948
13445 Mandoli Drive, Los Altos Hills, CA 94022
(650) 949-0418 (Tel), (650) 949-4118 (Fax)